



AE31E Series

AE31E TRINOCULAR









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| Optical system | Colour Corrected Infinity Optical System (CCIS®) |
|---------------------------------|---|
| Observation tube | Trinocular head, Siedentopf type, 360° swiveling |
| Inclination | 45° inclined |
| Trinocular light split | 100:0/20:80 (optional 100:0/0:100) |
| Interpupillary distance | 48-75mm |
| Diopter adjustment | On both eyepieces, +/- 5 diopter |
| Eyepieces | Widefield WF10X/22mm with diopter adjustment |
| Nosepiece | Left side facing quintuple |
| Objective classification | CCIS [®] Plan Achromatic, DIN |
| Objectives | 4X/0.10 (WD 12.6mm), PH10X/0.25 (WD 4.1mm), LWD PH20X/0.30 (WD 4.7mm), LWD PH40X/0.50 (WD 3.0mm) |
| Objective mounting thread | W 4/5"x1/36" (RMS standard) |
| Stand type | Inverted |
| Stage | Plain stage with metal and glass stage inserts |
| Stage size | 200x239mm |
| Condenser | Focusable and centerable ELWD condenser N.A. 0.30 (WD 72mm) |
| Diaphragm | Iris diaphragm |
| Focus mechanism | Coaxial coarse and fine focusing system with tension adjustment |
| Fine focus precision | 2µm |
| Focusing stroke | 10mm |
| Free working distance | Working distance without condenser 231mm |
| Transmitted illumination | Koehler Quartz halogen 6V/30W with intensity control |
| Illumination interchangeability | Quartz halogen 6V/30W or LED 3W |
| Illumination features | Auto-OFF and Light Memory function |
| Transformer | Internal |
| Power supply | 100-240V (CE) |
| Accessories included | Dust cover, power cord, Allen key, blue, green interference and ground glass filters, phase ring Ph1, centering telescope, centering keys, spare fuse |
| Dimensions LxWxH | 556x200x529mm |
| Net weight | 11.7kg |